

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Sabine Gack et al.

Title: USE OF ADAM 12 FOR  
DIAGNOSIS AND THERAPY  
OF PREECLAMPSIA

Appl. No.: 10/576,266

International Filing Date: October 15, 2004

Filing Date:

371(c) Date:

Examiner: Unassigned

Art Unit: Unassigned

Confirmation Number:

3606

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

Some of the documents listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International Application No. PCT/EP2004/011632. A copy of the International Search Report is attached.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date Dec 20, 2006

By Michele M. Simkin

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: December 20, 2006

(use as many sheets as necessary)

Sheet

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of 3

**Complete if Known**

<b>Application Number</b>	10/576,266
<b>Filing Date</b>	April 17, 2006
<b>First Named Inventor</b>	Sabine Gack
<b>Art Unit</b>	Unassigned
<b>Examiner Name</b>	Unassigned

Attorney Docket Number 085449-0188

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		2003/0170627 A1	09/11/2003	Walker et al.	
		5,744,305	04/28/1998	Fodor et al.	
		2004/0002467 A1	01/01/2004	Ward et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 99/46597	09/16/1999	Khosravi, et al.		
		WO 03/020220 A2	03/13/2003	Wallace et al.		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Beaulieu, Canadian Guide to Clinical Preventive Health Care, Ottawa: Health Canada, 1994, 136-43.	
		Maniatis et al., Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Lab, Cold Spring Harbor, NY, 1989, 16 pgs.	
		Altschul et al., Nucleic Acids Res., 25:3389-3402.	
		Feinberg, A.P. and Vogelstein, B. (1983), Anal. Biochem. 132:6-13.	
		Seals, D.F., and Courtneidge, S.A., the ADAMs Family of Metalloproteases: Multidomain Proteins with Multiple Functions, Genes & Dev. 17, 7-30, 2003.	
		Ng, E.K.O., Tsui, N.B.Y., et al., Proc. Natl. Acad. Sci. USA, 2003, Vol. 100(8): 4748-53.	
		Shi et al., L.J. (2000), J. Biol. Chem. 275, 18574-18580.	

Examiner  
SignatureDate  
Considered

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Substitute for form 1449/PTO·  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: December 20, 2006  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	2	of	3	Application Number	10/576,266
				Filing Date	April 17, 2006
				First Named Inventor	Sabine Gack
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	085449-0188

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Gilpin, B.J. et al., Journal of Biological Chemistry, Vol. 273, No. 1 (1998) pp. 157-166.	
		Mizutani, S., Akiyama, H. Kurauchi, O., et al., (1985), Arch. Gynecol. 236(3): 165-72.	
		Tempfer, C.B., Bancher-Todesca, D., Zeisler, H., et al., 2000, Placental Expression and Serum Concentrations of Cytokeratin 19 in Preeclampsia, Obstet. Gynecol. 95(5): 677-82.	
		Miyawaki, A., Tsien, Methods Enzymol. 2000, Vol. 327, pp: 472-500.	
		Tuschl, Nature Biotechnology, Vol. 20, pp. 446-448.	
		Kolben M., et al., European Journal of Obstetrics, (1996), vol. 68, no. 1-2, pp. 59-65.	
		Masanori Asakura et al.: Nature Medicine, vol. 8, no. 1 (2002), pp. 35-40.	
		Pang Z. J. et al., British Journal of Biomedical Science, Vol. 60, No. 2 (2003), pp. 97-101.	
		Database WPI, Derwent Publications Ltd., (1986).	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	085449-0188

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		Leach R. E. et al., Lancet, Vol. 360, No. 9341 (2002), pp. 1215-1219.	

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